

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: FELDMAN ET AL. Examiner: UNKNOWN  
Serial No.: 10/662,081 Group Art Unit: UNKNOWN  
Filed: SEPTEMBER 12, 2003 Docket: 12008.0032USD1  
Due Date: DECEMBER 12, 2003  
Title: SMALL VOLUME IN VITRO ANALYTE SENSOR AND METHODS OF MAKING

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 10, 2003.

By: Rebecca Ralls  
Name: Rebecca Ralls

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**23552**  
PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: Mara E. Liepa  
Name: Mara E. Liepa  
Reg. No.: 40,066  
MELIEPA:rlr



S/N 10/662,081

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Feldman et al.	Examiner:	Unknown
Serial No.:	10/662,081	Group Art Unit:	Unknown
Filed:	September 12, 2003	Docket No.:	12008.32USD1
Title:	SMALL VOLUME IN VITRO ANALYTE SENSOR AND METHODS OF MAKING		

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By: *Rebecca Ralls*  
Name: Rebecca Ralls

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 09/594,285 filed on June 15, 2000.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

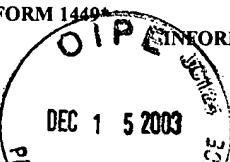
Respectfully submitted,

MERCHANT & GOULD P. C  
P. O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 371-5222

Date: 10 Dec 2003

By Mara E. Liepa  
Mara E. Liepa  
Reg. No. 40,066  
MEL:rlr



<b>FORM 1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 12008.32USD1	Application Number: 10/662,081
	Applicant: Feldman et al.	
	Filing Date: 09/12/2003	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,260,656	07/12/1966	Ross, Jr.			
	3,653,841	04/04/1972	Klein			
	3,719,564	03/06/1973	Lilly, Jr. et al.			
	3,776,832	12/04/1973	Oswin et al.			
	3,837,339	09/24/1974	Aisenberg et al.			
	3,972,320	08/03/1976	Kalman			
	3,979,274	09/07/1976	Newman			
	4,008,717	02/22/1977	Kowarski			
	4,016,866	04/12/1977	Lawton			
	4,055,175	10/25/1977	Clemens et al.			
	4,059,406	11/22/1977	Fleet			
	4,076,596	02/28/1978	Connery et al.			
	4,098,574	07/04/1978	Dappen			
	4,100,048	07/11/1978	Pompei et al.			
	4,151,845	05/01/1979	Clemens			
	4,168,205	09/18/1979	Danninger et al.			
	4,172,770	10/30/1979	Semersky et al.			
	4,178,916	12/18/1979	McNamara			
	4,206,755	06/10/1980	Klein			
	4,224,125	09/23/1980	Nakamura et al.			
	4,240,438	12/23/1980	Updike et al.			
	4,240,889	12/23/1980	Yoda et al.			
	4,247,297	01/27/1981	Berti et al.			
	4,271,119	06/02/1981	Columbus			
	4,318,784	03/09/1982	Higgins et al.			
	4,340,458	07/20/1982	Lerner et al.			
	4,356,074	10/26/1982	Johnson			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 12008.32USD1	Application Number: 10/662,081
	Applicant: Feldman et al.	
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,365,637	12/28/1982	Johnson			
	4,366,033	12/28/1982	Richter et al.			
	4,375,399	03/01/1983	Havas et al.			
	4,384,586	05/24/1983	Christiansen			
	4,392,933	07/12/1983	Nakamura et al.			
	4,401,122	08/30/1983	Clark, Jr.			
	4,404,066	09/13/1983	Johnson			
	4,407,959	10/04/1983	Tsuji et al.			
	4,418,148	11/29/1983	Oberhardt			
	4,420,564	12/13/1983	Tsuji et al.			
	4,427,770	01/24/1984	Chen et al.			
	4,431,004	02/14/1984	Bessman et al.			
	4,436,094	03/13/1984	Cerami			
	4,440,175	04/03/1984	Wilkins			
	4,444,892	04/24/1984	Malmros			
	4,450,842	05/29/1984	Zick et al.			
	4,461,691	07/24/1984	Frank			
	4,469,110	09/04/1984	Slama			
	4,477,314	10/16/1984	Richter et al.			
	4,483,924	11/20/1984	Tsuji et al.			
	4,484,987	11/27/1984	Gough			
	4,522,690	06/11/1985	Venkatasetty			
	4,524,114	06/18/1985	Samuels et al.			
	4,526,661	07/02/1985	Steckhan et al.			
	4,534,356	08/13/1985	Papadakis			
	4,538,616	09/03/1985	Rogoff			
	4,543,955	10/01/1985	Schroeppel			
	4,545,382	10/08/1985	Higgins et al.			

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FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

12008.32USD1

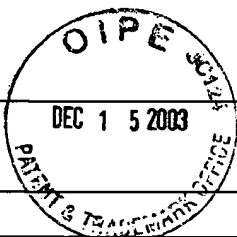
Application Number:

10/662,081

Applicant: Feldman et al.

Filing Date: 09/12/2003

Group Art Unit: Unknown



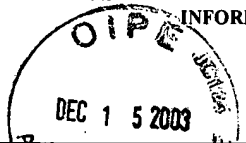
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,552,840	11/12/1985	Riffer			
	4,560,534	12/24/1985	Kung et al.			
	4,571,292	02/18/1986	Liu et al.			
	4,573,994	03/04/1986	Fischell et al.			
	4,581,336	04/08/1986	Malloy et al.			
	4,595,011	06/17/1986	Phillips			
	5,595,479	06/17/1986	Kimura et al.			
	4,619,754	10/28/1986	Niki et al.			
	4,633,878	01/06/1987	Bombardieri			
	4,637,403	01/20/1987	Garcia et al.			
	4,650,547	03/17/1987	Gough			
	4,654,197	03/31/1987	Lilja et al.			
	4,655,880	04/07/1987	Liu			
	4,655,885	04/07/1987	Hill et al.			
	4,671,288	06/09/1987	Gough			
	4,679,562	07/14/1987	Luksha			
	4,680,268	07/14/1987	Clark, Jr.			
	4,682,602	07/28/1987	Prohaska			
	4,684,537	08/04/1987	Graetzel et al.			
	4,685,463	08/11/1987	Williams			
	4,703,756	11/03/1987	Gough et al.			
	4,711,245	12/08/1987	Higgins et al.			
	4,717,673	01/05/1988	Wrighton et al.			
	4,721,601	01/26/1988	Wrighton et al.			
	4,726,378	02/23/1988	Kaplan			
	4,750,496	06/14/1988	Reinhart et al.			
	4,757,022	07/12/1988	Shults et al.			

EXAMINER

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	4,758,323	07/19/1988	Davis et al.			
	4,759,371	07/26/1988	Franetski			
	4,759,828	07/26/1988	Young et al.			
	4,764,416	08/16/1988	Ueyama et al.			
	4,776,944	10/11/1988	Janata et al.			
	4,781,798	11/01/1988	Gough			
	4,784,736	11/15/1988	Lonsdale et al.			
	4,795,707	01/03/1989	Niiyama et al.			
	4,805,624	02/21/1989	Yao et al.			
	4,813,424	03/21/1989	Wilkins			
	4,815,469	03/28/1989	Cohen et al.			
	4,820,399	04/11/1989	Senda et al.			
	4,822,337	04/18/1989	Newhouse et al.			
	4,830,959	05/16/1989	McNeil et al.			
	4,832,797	05/23/1989	Vadgama et al.			
	4,840,893	06/20/1989	Hill et al.			
	4,848,351	07/18/1989	Finch			
	4,871,351	10/03/1989	Feingold			
	4,871,440	10/03/1989	Nagata et al.			
	4,890,620	01/02/1990	Gough			
	4,894,137	01/16/1990	Takizawa et al.			
	4,897,162	01/30/1990	Lewandowski et al.			
	4,897,173	01/30/1990	Nankai et al.			
	4,909,908	03/20/1990	Ross et al.			
	4,911,794	03/27/1990	Parce et al.			
	4,919,141	04/24/1990	Zier et al.			
	4,919,767	04/24/1990	Vadgama et al.			
	4,923,586	05/08/1990	Katayama et al.			

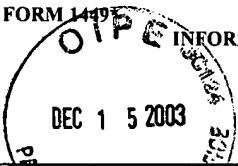
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	4,927,516	05/22/1990	Yamaguchi et al.			
	4,935,105	06/19/1990	Churchouse			
	4,935,345	06/19/1990	Guilbeau et al.			
	4,936,956	06/26/1990	Wrighton			
	4,938,860	07/03/1990	Wogoman			
	4,942,127	07/17/1990	Wada et al.			
	4,945,045	07/31/1990	Forrest et al.			
	4,950,378	08/21/1990	Nagata			
	4,953,552	09/04/1990	DeMarzo			
	4,968,400	11/06/1990	Shimomura et al.			
	4,970,145	11/13/1990	Bennetto et al.			
	4,974,929	12/04/1990	Curry			
	4,986,271	01/22/1991	Wilkins			
	4,994,167	02/19/1991	Shults et al.			
	5,034,192	07/23/1991	Wrighton et al.			
	5,037,527	08/06/1991	Hayashi et al.			
	5,070,535	12/03/1991	Hochmair et al.			
	5,078,854	01/07/1992	Burgess et al.			
	5,082,550	01/21/1992	Rishpon et al.			
	5,082,786	01/21/1992	Nakamoto			
	5,089,112	02/18/1992	Skotheim et al.			
	5,094,951	03/10/1992	Rosenberg			
	5,096,560	03/17/1992	Takai et al.			
	5,096,836	03/17/1992	Macho et al.			
	5,101,814	04/07/1992	Palti			
	5,108,564	04/28/1992	Szuminsky et al.			
	5,109,850	05/05/1992	Blanco et al.			

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	5,120,420	06/09/1992	Nankai et al.			
	5,120,421	06/09/1992	Glass et al.			
	5,126,034	06/30/1992	Carter et al.			
	5,126,247	06/30/1992	Palmer et al.			
	5,130,009	07/14/1992	Marsoner et al.			
	5,133,856	07/28/1992	Yamaguchi et al.			
	5,140,393	08/18/1992	Hijikihigawa et al.			
	5,141,868	08/25/1992	Shanks et al.			
	5,161,532	11/10/1992	Joseph			
	5,165,407	11/24/1992	Wilson et al.			
	5,168,046	12/01/1992	Hamamoto et al.			
	5,174,291	12/29/1992	Schoonen et al.			
	5,185,256	02/09/1993	Nankai et al.			
	5,192,415	03/09/1993	Yoshioka et al.			
	5,192,416	03/09/1993	Wang et al.			
	5,198,367	03/30/1993	Aizawa et al.			
	5,200,051	04/06/1993	Cozzette et al.			
	5,202,261	04/13/1993	Musho et al.			
	5,205,920	04/27/1993	Oyama et al.			
	5,206,145	04/27/1993	Cattell			
	5,208,154	05/04/1993	Weaver et al.			
	5,217,595	06/08/1993	Smith et al.			
	5,227,042	07/13/1993	Zawodzinski et al.			
	5,229,282	07/20/1993	Yoshioka et al.			
	5,250,439	10/05/1993	Musho et al.			
	5,262,035	11/16/1993	Gregg et al.			

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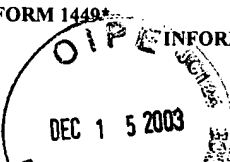
U.S. PATENT DOCUMENTS						
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	5,262,305	11/16/1993	Heller et al.			
	5,264,103	11/23/1993	Yoshioka et al.			
	5,264,106	11/23/1993	McAleer et al.			
	5,271,815	12/21/1993	Wong			
	5,272,060	12/21/1993	Hamamoto et al.			
	5,278,079	01/11/1994	Gubinski et al.			
	5,286,362	02/15/1994	Hoenes et al.			
	5,286,364	02/15/1994	Yacynych et al.			
	5,288,636	02/22/1994	Pollmann et al.			
	5,293,546	03/08/1994	Tadros et al.			
	5,310,885	05/10/1994	Maier et al.			
	5,320,725	06/14/1994	Gregg et al.			
	5,326,449	07/05/1994	Cunningham			
	5,337,747	08/16/1994	Neffel			
	5,352,348	10/04/1994	Young et al.			
	5,356,786	10/18/1994	Heller et al.			
	5,364,797	11/15/1994	Olson et al.			
	5,368,028	11/29/1994	Palti			
	5,372,133	12/13/1994	Hogen Esch			
	5,378,628	01/03/1995	Grätzel et al.			
	5,380,422	01/10/1995	Negishi et al.			
	5,382,346	01/17/1995	Uenoyama et al.			
	5,387,327	02/07/1995	Khan			
	5,390,671	02/21/1995	Lord et al.			
	5,391,250	02/21/1995	Cheney, II et al.			
	5,393,903	02/28/1995	Gratzel et al.			
	5,395,504	03/07/1995	Saurer et al.			
	5,411,647	05/02/1995	Johnson et al.			

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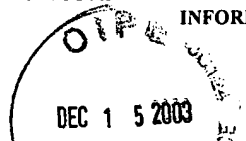
U.S. PATENT DOCUMENTS						
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	5,413,690	05/09/1995	Kost et al.			
	5,422,246	06/06/1995	Koopal et al.			
	5,437,973	08/01/1995	Vadgama et al.			
	5,437,999	08/1995	Diebold et al.			
	5,478,751	12/26/1995	Oosta et al.			
	5,494,562	02/27/1996	Maley et al.			
	5,496,453	03/05/1996	Uenoyama et al.			
	5,497,772	03/12/1996	Schulman et al.			
	5,501,956	03/26/1996	Wada et al.			
	5,502,396	03/26/1996	Desarzens et al.			
	5,507,288	04/16/1996	Böcker et al.			
	5,508,171	04/16/1996	Walling et al.			
	5,514,253	05/07/1996	Davis et al.			
	5,520,787	05/28/1996	Hanagan et al.			
	5,525,511	06/11/1996	D'Costa			
	5,526,120	06/11/1996	Jina et al.			
	5,531,878	07/02/1996	Vadgama et al.			
	5,552,027	09/03/1996	Birkle et al.			
	5,556,524	09/17/1996	Albers			
	5,565,085	10/15/1996	Ikeda et al.			
	5,567,302	10/22/1996	Song et al.			
	5,568,806	10/29/1996	Cheney, II et al.			
	5,569,186	10/29/1996	Lord et al.			
	5,575,895	11/19/1996	Ikeda et al.			
	5,580,527	12/03/1996	Bell et al.			
	5,582,184	12/10/1996	Erickson et al.			
	5,582,697	12/10/1996	Ikeda et al.			
	5,582,698	12/10/1996	Flaherty et al.			

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	5,586,553	12/24/1996	Halili et al.			
	5,589,326	12/31/1996	Deng et al.			
	5,593,852	01/14/1997	Heller et al.			
	5,596,150	01/21/1997	Arndt et al.			
	5,617,851	04/08/1997	Lipkovker			
	5,628,890	05/13/1997	Carter et al.			
	5,650,062	07/22/1997	Ikeda et al.			
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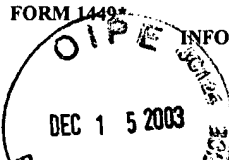
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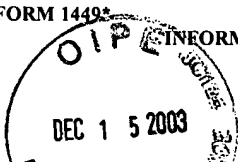
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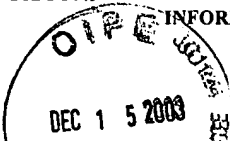
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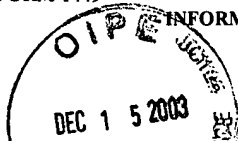
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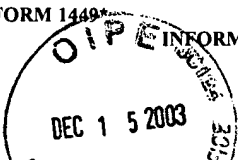
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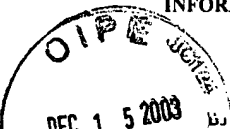
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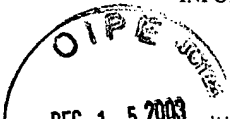
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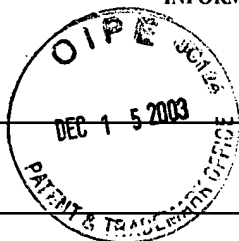
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